

Cycloartane triterpenoids acid from *Garcinia eugenifolia*

ABSTRACT

A study on the roots of *Garcinia eugenifolia* has resulted in the isolation of one cycloartane triterpenoid acid i.e., magniferolic acid (1). This is a first isolation and report on this compound from *Garcinia eugenifolia*. Three other triterpenes which are euphadienol (2), β -sitosterol (3) and friedelin (4) were also obtained. Besides this, the ketone (3-hydroxyphenyl)3,4,5-trihydroxyphenylmethanone (5) and two xanthenes, 5,9-dihydroxy-8-methoxy-2,2-dimethyl-7-(3-methylbut-2-enyl)pyrano[3,2-b]xanthen-6(2H)-one (6) and 1,3,6,8-tetrahydroxyxanthone (7) were also obtained from this plant. Copyright © 2013 Asian Journal of Chemistry.

Keyword: *Garcinia eugenifolia*; Guttiferae; Ketone; Triterpenoids; Xanthenes.